

## ABSTRACT OF THE DISCLOSURE

An x-ray apparatus for intraoral imaging applications includes a linkage mounted on a support structure, to which is connected an x-ray source for generating x-radiation and directing same to a receiver instrument placed in a patient's mouth. The  
5 linkage includes a first arm member, articulated to the support structure and adapted to be pivotable about a substantially vertical axis, a second arm member, connected to the end of the first arm member spaced from the support structure and adapted to be pivotable around a substantially vertical axis and a horizontal axis, and a third arm member, connected to the opposite end of the second arm member and adapted to be pivotable around a substantially  
10 horizontal axis, the unsupported end of the latter having the x-ray source mounted thereon with an articulated joint, which allows pivoting of the x-ray source to various positions.